

Andrew Freistein 10/682,496

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:ssptabf1626

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

\* \* \* \* \* Welcome to STN International \* \* \* \* \*

NEWS	1		Web Page URLs for STN Seminar Schedule - N. America
NEWS	2		"Ask CAS" for self-help around the clock
NEWS	3	FEB 27	New STN AnaVist pricing effective March 1, 2006
NEWS	4	MAY 10	CA/CAPLUS enhanced with 1900-1906 U.S. patent records
NEWS	5	MAY 11	KOREAPAT updates resume
NEWS	6	MAY 19	Derwent World Patents Index to be reloaded and enhanced
NEWS	7	MAY 30	IPC 8 Rolled-up Core codes added to CA/CAPLUS and USPATFULL/USPAT2
NEWS	8	MAY 30	The F-Term thesaurus is now available in CA/CAPLUS
NEWS	9	JUN 02	The first reclassification of IPC codes now complete in INPADOC
NEWS	10	JUN 26	TULSA/TULSA2 reloaded and enhanced with new search and and display fields
NEWS	11	JUN 28	Price changes in full-text patent databases EPFULL and PCTFULL
NEWS	12	JUL 11	CHEMSAFE reloaded and enhanced
NEWS	13	JUL 14	FSTA enhanced with Japanese patents
NEWS	14	JUL 19	Coverage of Research Disclosure reinstated in DWPI
NEWS	15	AUG 09	INSPEC enhanced with 1898-1968 archive
NEWS	16	AUG 28	ADISCTI Reloaded and Enhanced
NEWS	17	AUG 30	CA(SM)/CAPLUS(SM) Austrian patent law changes
NEWS EXPRESS		JUNE 30	CURRENT WINDOWS VERSION IS V8.01b, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 26 JUNE 2006.
NEWS HOURS			STN Operating Hours Plus Help Desk Availability
NEWS LOGIN			Welcome Banner and News Items
NEWS IPC8			For general information regarding STN implementation of IPC 8
NEWS X25			X.25 communication option no longer available

Enter NEWS followed by the item number or name to see news on that specific topic.

All use of STN is subject to the provisions of the STN Customer agreement. Please note that this agreement limits use to scientific research. Use for software development or design or implementation of commercial gateways or other similar uses is prohibited and may result in loss of user privileges and other penalties.

\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 10:42:36 ON 08 SEP 2006

=> file reg

09/08/2006

Page 1

Andrew Freistein 10/682,496

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 10:42:42 ON 08 SEP 2006  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
COPYRIGHT (C) 2006 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file  
provided by InfoChem.

STRUCTURE FILE UPDATES: 7 SEP 2006 HIGHEST RN 906063-52-3  
DICTIONARY FILE UPDATES: 7 SEP 2006 HIGHEST RN 906063-52-3

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH June 30, 2006

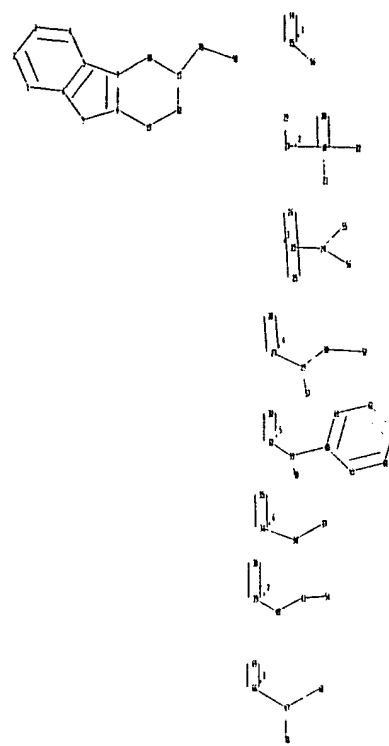
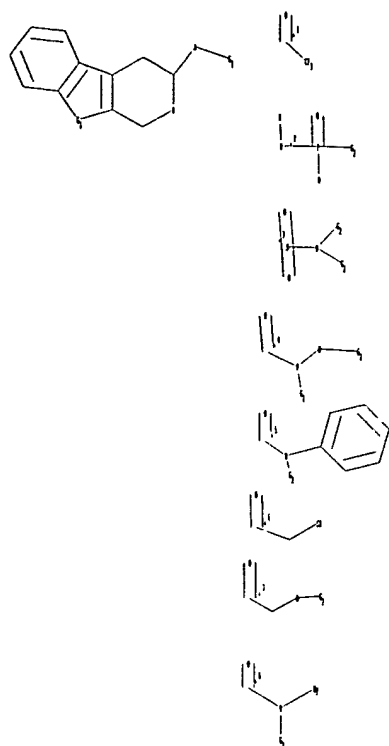
Please note that search-term pricing does apply when  
conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and  
predicted properties as well as tags indicating availability of  
experimental property data in the original document. For information  
on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

=>

Uploading C:\Program Files\Stnexp\Queries\10682496\RCE FAOM\c.str



chain nodes :

14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34  
35 36 37 38 39 40 41 50 52 54 55 56 57 58 66 67 68 69 70 73

ring nodes :

1 2 3 4 5 6 7 8 9 10 11 12 13 60 61 62 63 64 65

chain bonds :

11-73 14-15 15-16 17-18 17-19 18-20 18-21 18-22 23-24 23-25 23-26 24-55  
24-56 27-28 27-29 29-30 29-57 30-52 31-32 32-33 33-58 33-60 34-35 34-36  
36-37 38-39 39-40 40-41 41-54 50-73 66-67 66-69 67-68 67-70

Andrew Freistein 10/682,496

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-9 7-8 7-10 8-9 8-13 10-11 11-12 12-13  
60-61 60-65 61-62 62-63 63-64 64-65

exact/norm bonds :

5-7 6-9 7-8 7-10 8-9 8-13 10-11 11-12 11-73 12-13 14-15 15-16 17-18  
17-19 18-20 18-21 18-22 23-24 23-25 23-26 24-55 24-56 27-28 27-29 29-30  
29-57 30-52 31-32 32-33 33-58 33-60 34-35 34-36 36-37 38-39 39-40 40-41  
41-54 50-73 66-67 66-69 67-68 67-70

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6 60-61 60-65 61-62 62-63 63-64 64-65

G1:SH, [\*1], [\*2], [\*3], [\*4], [\*5], [\*6], [\*7], [\*8]

G2:H, CH3, Et, n-Pr

G3:O, S, N

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom  
11:Atom 12:Atom 13:Atom 14:CLASS 15:CLASS 16:CLASS 17:CLASS 18:CLASS  
19:CLASS 20:CLASS 21:CLASS 22:CLASS 23:CLASS 24:CLASS 25:CLASS 26:CLASS  
27:CLASS 28:CLASS 29:CLASS 30:CLASS 31:CLASS 32:CLASS 33:CLASS 34:CLASS  
35:CLASS 36:CLASS 37:CLASS 38:CLASS 39:CLASS 40:CLASS 41:CLASS 50:CLASS  
52:CLASS 54:CLASS 55:CLASS 56:CLASS 57:CLASS 58:CLASS 60:Atom 61:Atom  
62:Atom 63:Atom 64:Atom 65:Atom 66:CLASS 67:CLASS 68:Atom 69:CLASS 70:CLASS  
73:CLASS

L1 STRUCTURE UPLOADED

=> fd

798 FD  
40 FDS

L2 837 FD  
(FD OR FDS)

=> d

L2 ANSWER 1 OF 837 REGISTRY COPYRIGHT 2006 ACS on STN

RN 900145-50-8 REGISTRY

ED Entered STN: 10 Aug 2006

CN INDEX NAME NOT YET ASSIGNED

OTHER NAMES:

CN 12Z-FD 891

FS STEREOSEARCH

MF C33 H54 O8

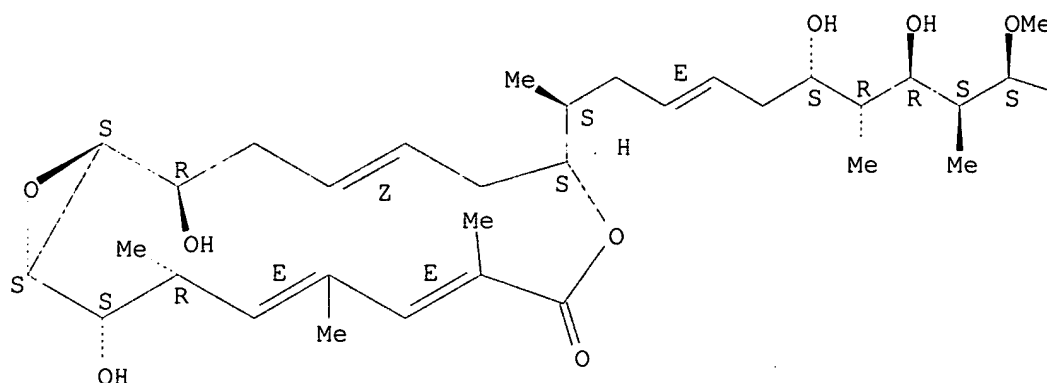
SR CA

LC STN Files: CA, CAPLUS, TOXCENTER

Absolute stereochemistry. Rotation (+).

Double bond geometry as described by E or Z.

PAGE 1-A



PAGE 1-B

Me

\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> s l1

SAMPLE SEARCH INITIATED 10:43:12 FILE 'REGISTRY'  
SAMPLE SCREEN SEARCH COMPLETED - 4234 TO ITERATE

47.2% PROCESSED 2000 ITERATIONS 0 ANSWERS  
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)  
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*  
PROJECTED ITERATIONS: 80778 TO 88582  
PROJECTED ANSWERS: 0 TO 0

L3 0 SEA SSS SAM L1

=> s l1 full

FULL SEARCH INITIATED 10:43:16 FILE 'REGISTRY'  
FULL SCREEN SEARCH COMPLETED - 83774 TO ITERATE

100.0% PROCESSED 83774 ITERATIONS 13 ANSWERS  
SEARCH TIME: 00.00.02

L4 13 SEA SSS FUL L1

=> file hcplus

COST IN U.S. DOLLARS

SINCE FILE  
ENTRY

TOTAL  
SESSION

Andrew Freistein 10/682,496

FULL ESTIMATED COST

173.60

173.81

FILE 'HCAPLUS' ENTERED AT 10:43:21 ON 08 SEP 2006

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

COPYRIGHT (C) 2006 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 8 Sep 2006 VOL 145 ISS 12

FILE LAST UPDATED: 7 Sep 2006 (20060907/ED)

New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s 14

L5 19 L4

=> d ibib hitstr 1-19

L5 ANSWER 1 OF 19 HCAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1994:605398 HCAPLUS

DOCUMENT NUMBER: 121:205398

TITLE: Preparation of benzodiazepine analogs as antagonists of cholecystokinin and gastrin

INVENTOR(S): Bock, Mark G.; Evans, Ben E.; Freidinger, Roger M.

PATENT ASSIGNEE(S): Merck and Co., Inc., USA

SOURCE: U.S., 14 pp. Cont.-in-part of U.S. Ser. No. 824,764, abandoned.

CODEN: USXXAM

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5324726	A	19940628	US 1992-968624	19921029
PRIORITY APPLN. INFO.:			US 1989-452012	B2 19891218
			US 1990-621500	B1 19901207
			US 1992-824764	B2 19920117

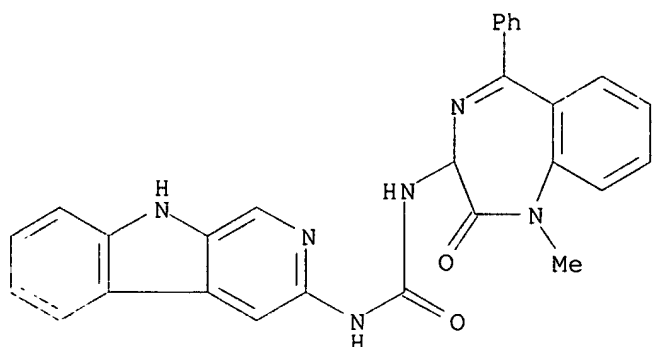
OTHER SOURCE(S): MARPAT 121:205398

IT 136162-71-5P

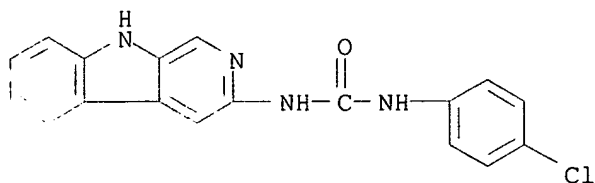
RL: SPN (Synthetic preparation); PREP (Preparation)  
(preparation of, as CCK and gastrin antagonist)

RN 136162-71-5 HCAPLUS

CN Urea, N-(2,3-dihydro-1-methyl-2-oxo-5-phenyl-1H-1,4-benzodiazepin-3-yl)-N'-9H-pyrido[3,4-b]indol-3-yl- (9CI) (CA INDEX NAME)

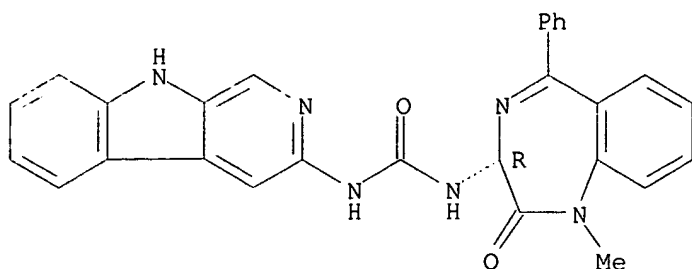


L5 ANSWER 2 OF 19 HCAPLUS COPYRIGHT 2006 ACS on STN  
ACCESSION NUMBER: 1993:551654 HCAPLUS  
DOCUMENT NUMBER: 119:151654  
TITLE: Multipurpose receptor ligands:  $\beta$ -carboline  
cholecystokinin antagonists  
AUTHOR(S): Evans, Ben E.; Rittle, Kenneth E.; Chang, Raymond S.  
L.; Lotti, Victor J.; Freedman, Stephen B.;  
Freidinger, Roger M.  
CORPORATE SOURCE: Dep. Med. Chem., Merck Res. Lab., West Point, PA,  
19486, USA  
SOURCE: Bioorganic & Medicinal Chemistry Letters (1993), 3(5),  
867-70  
CODEN: BMCLE8; ISSN: 0960-894X  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
IT 122137-46-6 136234-82-7 150134-11-5  
RL: BIOL (Biological study)  
(cholecystokinin-antagonist activity of, structure in relation to)  
RN 122137-46-6 HCAPLUS  
CN Urea, N-(4-chlorophenyl)-N'-(9H-pyrido[3,4-b]indol-3-yl)- (9CI) (CA INDEX  
NAME)



RN 136234-82-7 HCAPLUS  
CN Urea, N-(2,3-dihydro-1-methyl-2-oxo-5-phenyl-1H-1,4-benzodiazepin-3-yl)-N'-  
9H-pyrido[3,4-b]indol-3-yl-, (R)- (9CI) (CA INDEX NAME)

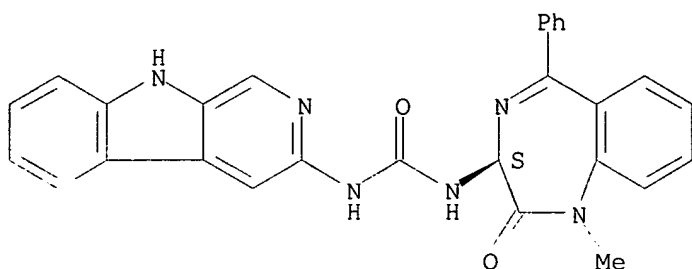
Absolute stereochemistry.



RN 150134-11-5 HCAPLUS

CN Urea, N-(2,3-dihydro-1-methyl-2-oxo-5-phenyl-1H-1,4-benzodiazepin-3-yl)-N'-9H-pyrido[3,4-b]indol-3-yl-, (S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L5 ANSWER 3 OF 19 HCAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1993:428165 HCAPLUS

DOCUMENT NUMBER: 119:28165

TITLE: Preparation of benzodiazepine analogs as cholecystokinin and gastrin antagonist

INVENTOR(S): Freidinger, Roger M.; Bock, Mark G.; Evans, Ben E.

PATENT ASSIGNEE(S): Merck and Co., Inc., USA

SOURCE: Eur. Pat. Appl., 21 pp.

CODEN: EPXXDW

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 523845	A2	19930120	EP 1992-305391	19920612
EP 523845	A3	19931118		
R: CH, DE, FR, GB, IT, LI, NL				
CA 2071181	AA	19921215	CA 1992-2071181	19920612
JP 06321917	A2	19941122	JP 1992-197404	19920615
PRIORITY APPLN. INFO.:			US 1991-715539	A 19910614

OTHER SOURCE(S): MARPAT 119:28165

IT 136162-71-5P

RL: SPN (Synthetic preparation); PREP (Preparation)  
(preparation of, as cholecystokinin and gastrin antagonist)

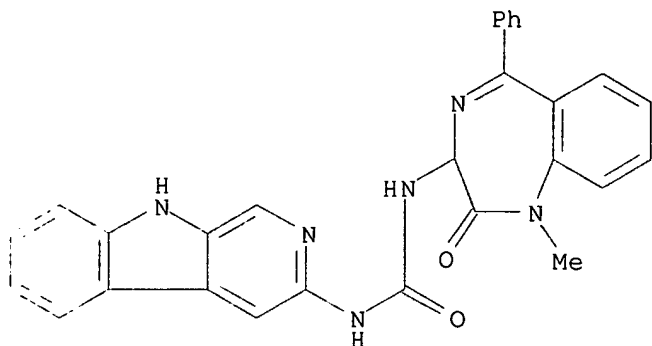
RN 136162-71-5 HCAPLUS

CN Urea, N-(2,3-dihydro-1-methyl-2-oxo-5-phenyl-1H-1,4-benzodiazepin-3-yl)-N'-



Andrew Freistein 10/682,496

9H-pyrido[3,4-b]indol-3-yl- (9CI) (CA INDEX NAME)



L5 ANSWER 4 OF 19 HCAPLUS COPYRIGHT 2006 ACS on STN  
ACCESSION NUMBER: 1992:531235 HCAPLUS  
DOCUMENT NUMBER: 117:131235  
TITLE: New benzodiazepine analogs with cholecystokinin  
receptor antagonistic activity.  
INVENTOR(S): Bock, Mark G.; Evans, Ben E.; Freidinger, Roger M.  
PATENT ASSIGNEE(S): Merck and Co., Inc., USA  
SOURCE: Eur. Pat. Appl., 24 pp.  
CODEN: EPXXDW  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 490590	A1	19920617	EP 1991-311364	19911206
R: CH, DE, FR, GB, IT, LI, NL				
CA 2056809	AA	19920608	CA 1991-2056809	19911202
JP 05025146	A2	19930202	JP 1991-322023	19911205
PRIORITY APPLN. INFO.:			US 1990-623473	A 19901207
			US 1991-718488	A 19910620

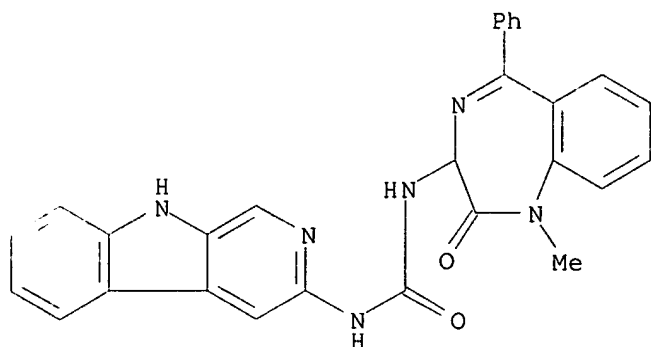
OTHER SOURCE(S): MARPAT 117:131235

IT 136162-71-5P

RL: SPN (Synthetic preparation); PREP (Preparation)  
(preparation and cholecystokinin receptor antagonistic activity of)

RN 136162-71-5 HCAPLUS

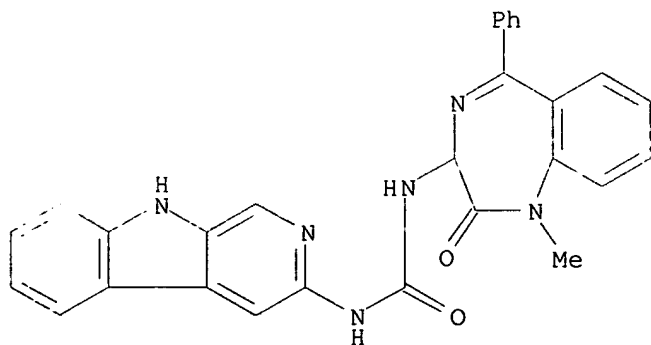
CN Urea, N-(2,3-dihydro-1-methyl-2-oxo-5-phenyl-1H-1,4-benzodiazepin-3-yl)-N'-  
9H-pyrido[3,4-b]indol-3-yl- (9CI) (CA INDEX NAME)



L5 ANSWER 5 OF 19 HCAPLUS COPYRIGHT 2006 ACS on STN  
 ACCESSION NUMBER: 1991:583378 HCAPLUS  
 DOCUMENT NUMBER: 115:183378  
 TITLE: Preparation of benzodiazepin-2-ones as cholecystokinin (CKK) and gastrin antagonists  
 INVENTOR(S): Bock, Mark G.; Evans, Ben E.; Freidinger, Roger M.  
 PATENT ASSIGNEE(S): Merck and Co., Inc., USA  
 SOURCE: Eur. Pat. Appl., 22 pp.  
 CODEN: EPXXDW  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 2  
 PATENT INFORMATION:

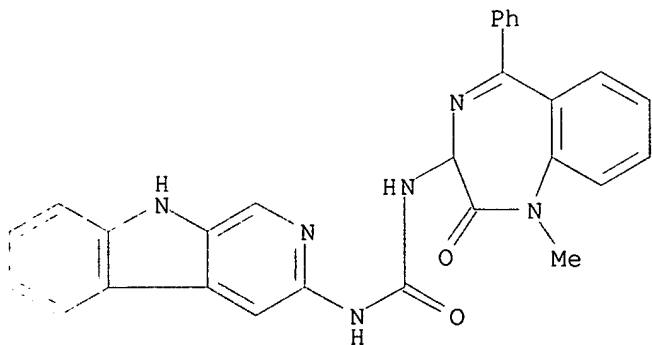
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 434369	A1	19910626	EP 1990-313854	19901218
R: AT, BE, CH, DE, DK, ES, FR, GB, IT, LI, LU, NL, SE				
CA 2032226	AA	19910619	CA 1990-2032226	19901213
JP 06065215	A2	19940308	JP 1990-419339	19901218
PRIORITY APPLN. INFO.:			US 1989-452012	A 19891218
			US 1990-621500	A 19901207

OTHER SOURCE(S): MARPAT 115:183378  
 IT 136162-71-5P  
 RL: SPN (Synthetic preparation); PREP (Preparation)  
 (preparation of, as cholecystokinin and gastrin antagonist)  
 RN 136162-71-5 HCAPLUS  
 CN Urea, N-(2,3-dihydro-1-methyl-2-oxo-5-phenyl-1H-1,4-benzodiazepin-3-yl)-N'-9H-pyrido[3,4-b]indol-3-yl- (9CI) (CA INDEX NAME)



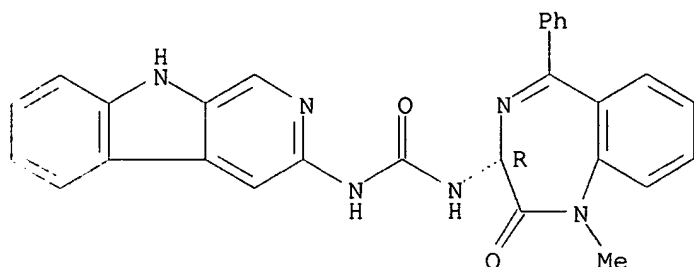
L5 ANSWER 6 OF 19 HCAPLUS COPYRIGHT 2006 ACS on STN  
 ACCESSION NUMBER: 1991:559189 HCAPLUS  
 DOCUMENT NUMBER: 115:159189  
 TITLE: Preparation of benzodiazepine analogs for treating  
 panic syndrome and for directly inducing analgesia  
 INVENTOR(S): Bock, Mark G.; Freidinger, Roger M.; Dourish, Colin  
 T.; Iversen, Susan; Evans, Ben E.  
 PATENT ASSIGNEE(S): Merck and Co., Inc., USA  
 SOURCE: Eur. Pat. Appl., 52 pp.  
 CODEN: EPXXDW  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 434364	A2	19910626	EP 1990-313847	19901218
EP 434364	A3	19920401		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE				
CA 2032222	AA	19910619	CA 1990-2032222	19901213
AU 9068151	A1	19910620	AU 1990-68151	19901217
ZA 9010124	A	19910925	ZA 1990-10124	19901217
JP 06009580	A2	19940118	JP 1990-419340	19901218
PRIORITY APPLN. INFO.:			US 1989-452023	A 19891218
OTHER SOURCE(S):	MARPAT 115:159189			
IT 136162-71-5P	136234-82-7P			
RL: SPN (Synthetic preparation); PREP (Preparation) (preparation of, as cholecystokinin and gastrin antagonist for treatment of panic disorder)				
RN 136162-71-5	HCAPLUS			
CN	Urea, N-(2,3-dihydro-1-methyl-2-oxo-5-phenyl-1H-1,4-benzodiazepin-3-yl)-N'- 9H-pyrido[3,4-b]indol-3-yl- (9CI) (CA INDEX NAME)			



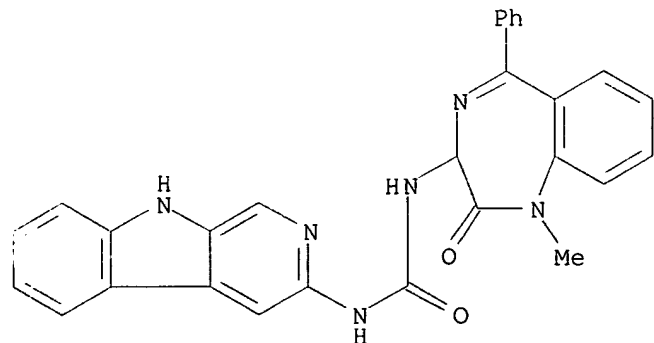
RN 136234-82-7 HCAPLUS  
 CN Urea, N-(2,3-dihydro-1-methyl-2-oxo-5-phenyl-1H-1,4-benzodiazepin-3-yl)-N'-  
 9H-pyrido[3,4-b]indol-3-yl-, (R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L5 ANSWER 7 OF 19 HCAPLUS COPYRIGHT 2006 ACS on STN  
 ACCESSION NUMBER: 1991:536128 HCAPLUS  
 DOCUMENT NUMBER: 115:136128  
 TITLE: Preparation of benzodiazepine analogs as  
 cholecystokinin and gastrin antagonists  
 INVENTOR(S): Bock, Mark G.; Evans, Ben E.; Freidinger, Roger M.  
 PATENT ASSIGNEE(S): Merck and Co., Inc., USA  
 SOURCE: Eur. Pat. Appl., 23 pp.  
 CODEN: EPXXDW  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 434360	A1	19910626	EP 1990-313837	19901218
R: AT, BE, CH, DE, DK, ES, FR, GB, IT, LI, LU, NL, SE				
CA 2032427	AA	19910619	CA 1990-2032427	19901217
JP 06009579	A2	19940118	JP 1990-419338	19901218
PRIORITY APPLN. INFO.:			US 1989-452026	A 19891218
OTHER SOURCE(S):	MARPAT 115:136128			
IT 136162-71-5P				
RL: SPN (Synthetic preparation); PREP (Preparation) (preparation of, as cholecystokinin and gastrin antagonist)				
RN 136162-71-5	HCAPLUS			
CN Urea, N-(2,3-dihydro-1-methyl-2-oxo-5-phenyl-1H-1,4-benzodiazepin-3-yl)-N'-9H-pyrido[3,4-b]indol-3-yl- (9CI) (CA INDEX NAME)				



L5 ANSWER 8 OF 19 HCAPLUS COPYRIGHT 2006 ACS on STN

Andrew Freistein 10/682,496

ACCESSION NUMBER: 1989:497209 HCAPLUS  
DOCUMENT NUMBER: 111:97209  
TITLE: Preparation of  $\beta$ -carboline derivatives as cholecystokinin and gastrin antagonists  
INVENTOR(S): Evans, Ben E.  
PATENT ASSIGNEE(S): Merck and Co., Inc., USA  
SOURCE: Eur. Pat. Appl., 28 pp.  
CODEN: EPXXDW  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 304223	A2	19890222	EP 1988-307420	19880811
EP 304223	A3	19901024		
R: CH, DE, FR, GB, IT, LI, NL				
JP 01068369	A2	19890314	JP 1988-203317	19880817
US 5223509	A	19930629	US 1992-841231	19920221
PRIORITY APPLN. INFO.:			US 1987-86134	A 19870817
			US 1988-244583	B1 19880913
			US 1989-363357	B1 19890602
			US 1990-593547	B1 19901002

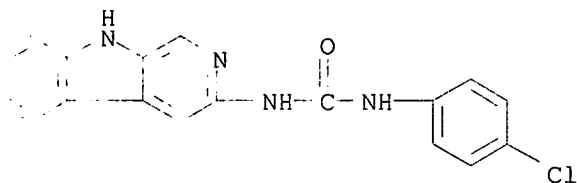
OTHER SOURCE(S): MARPAT 111:97209

IT 122137-46-6P

RL: SPN (Synthetic preparation); PREP (Preparation)  
(preparation of, as cholecystokinin and gastrin antagonist)

RN 122137-46-6 HCAPLUS

CN Urea, N-(4-chlorophenyl)-N'-(9H-pyrido[3,4-b]indol-3-yl)- (9CI) (CA INDEX NAME)



L5 ANSWER 9 OF 19 HCAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1988:473359 HCAPLUS

DOCUMENT NUMBER: 109:73359

TITLE: Synthesis of 1,2,3,4-tetrahydro- $\beta$ -carboline derivatives as hepatoprotective agents. II. Alkyl 1,2,3,4-tetrahydro- $\beta$ -carboline-2-carbodithioates

AUTHOR(S): Saiga, Yutaka; Iijima, Ikuo; Ishida, Akihiko; Miyagishima, Toshikazu; Shigezane, Keisuke; Oh-Ishi, Tokuro; Matsumoto, Mamoru; Matsuoka, Yuzo

CORPORATE SOURCE: Org. Chem. Res. Lab., Tanabe Seiyaku Co., Ltd., Toda, 335, Japan

SOURCE: Chemical & Pharmaceutical Bulletin (1987), 35(8), 3262-9

CODEN: CPBTAL; ISSN: 0009-2363

DOCUMENT TYPE: Journal

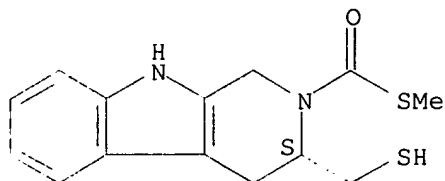
LANGUAGE: English

OTHER SOURCE(S): CASREACT 109:73359

Andrew Freistein 10/682,496

IT 115524-38-4P  
RL: SPN (Synthetic preparation); PREP (Preparation)  
(preparation of)  
RN 115524-38-4 HCAPLUS  
CN 2H-Pyrido[3,4-b]indole-2-carbothioic acid, 1,3,4,9-tetrahydro-3-  
(mercaptomethyl)-, S-methyl ester, (S)- (9CI) (CA INDEX NAME)

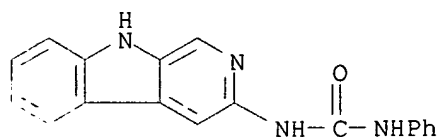
Absolute stereochemistry.



L5 ANSWER 10 OF 19 HCAPLUS COPYRIGHT 2006 ACS on STN  
ACCESSION NUMBER: 1987:4998 HCAPLUS  
DOCUMENT NUMBER: 106:4998  
TITLE: 3-Substituted 9H-pyrido[3,4-b]indoles  
PATENT ASSIGNEE(S): Council of Scientific and Industrial Research, India  
SOURCE: Indian, 11 pp.  
CODEN: INXXAP  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
IN 157242	A	19860215	IN 1980-DE315	19800428
IN 161150	A	19871010	IN 1984-DE189	19840229
IN 161373	A	19871121	IN 1984-DE190	19840229
PRIORITY APPLN. INFO.:			IN 1980-DE315	A 19800428

IT 74170-53-9P  
RL: SPN (Synthetic preparation); PREP (Preparation)  
(preparation of, as contraceptive)  
RN 74170-53-9 HCAPLUS  
CN Urea, N-phenyl-N'-9H-pyrido[3,4-b]indol-3-yl- (9CI) (CA INDEX NAME)

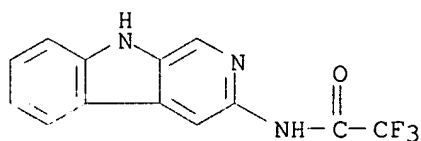


L5 ANSWER 11 OF 19 HCAPLUS COPYRIGHT 2006 ACS on STN  
ACCESSION NUMBER: 1986:68837 HCAPLUS  
DOCUMENT NUMBER: 104:68837  
TITLE:  $\beta$ -Carboline derivatives and their use  
INVENTOR(S): Potier, Pierre; Dodd, Robert; Rossier, Jean Pierre  
PATENT ASSIGNEE(S): Centre National de la Recherche Scientifique, Fr.  
SOURCE: Fr. Demande, 24 pp.  
CODEN: FRXXBL

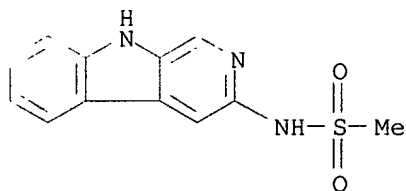
Andrew Freistein 10/682,496

DOCUMENT TYPE: Patent  
LANGUAGE: French  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
FR 2555988	A1	19850607	FR 1983-19496	19831206
EP 148660	A1	19850717	EP 1984-402405	19841126
R: AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE				
JP 60139692	A2	19850724	JP 1984-255878	19841205
PRIORITY APPLN. INFO.:			FR 1983-19496	A 19831206
OTHER SOURCE(S): CASREACT 104:68837; MARPAT 104:68837				
IT 95935-49-2P 95935-51-6P				
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation) (preparation and pharmacol. activity of)				
RN	95935-49-2 HCAPLUS			
CN	Acetamide, 2,2,2-trifluoro-N-9H-pyrido[3,4-b]indol-3-yl- (9CI) (CA INDEX NAME)			



RN 95935-51-6 HCAPLUS  
CN Methanesulfonamide, N-9H-pyrido[3,4-b]indol-3-yl- (9CI) (CA INDEX NAME)



L5 ANSWER 12 OF 19 HCAPLUS COPYRIGHT 2006 ACS on STN  
ACCESSION NUMBER: 1985:203889 HCAPLUS  
DOCUMENT NUMBER: 102:203889  
TITLE: 3-Amino- $\beta$ -carboline derivatives and the benzodiazepine receptor. Synthesis of a selective antagonist of the sedative action of diazepam  
AUTHOR(S): Dodd, Robert H.; Ouannes, Catherine; Prado de Carvalho, Lia; Valin, Anne; Venault, Patrice; Chapouthier, Georges; Rossier, Jean; Potier, Pierre  
CORPORATE SOURCE: Inst. Chim. Subst. Nat., Cent. Natl. Rech. Sci., Gif-sur-Yvette, F 91190, Fr.  
SOURCE: Journal of Medicinal Chemistry (1985), 28(6), 824-8  
CODEN: JMCMAR; ISSN: 0022-2623  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
OTHER SOURCE(S): CASREACT 102:203889

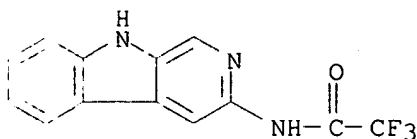
Andrew Freistein 10/682,496

IT 95935-49-2P 95935-51-6P

RL: SPN (Synthetic preparation); PREP (Preparation)  
(preparation and benzodiazepine receptor affinity of)

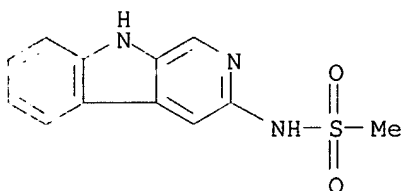
RN 95935-49-2 HCAPLUS

CN Acetamide, 2,2,2-trifluoro-N-9H-pyrido[3,4-b]indol-3-yl- (9CI) (CA INDEX NAME)



RN 95935-51-6 HCAPLUS

CN Methanesulfonamide, N-9H-pyrido[3,4-b]indol-3-yl- (9CI) (CA INDEX NAME)



L5 ANSWER 13 OF 19 HCAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1981:515508 HCAPLUS

DOCUMENT NUMBER: 95:115508

TITLE: Psychotropic  $\beta$ -carboline-3-carboxylates

PATENT ASSIGNEE(S): Schering A.-G., Fed. Rep. Ger.

SOURCE: Jpn. Kokai Tokkyo Koho, 39 pp.

CODEN: JKXXAF

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

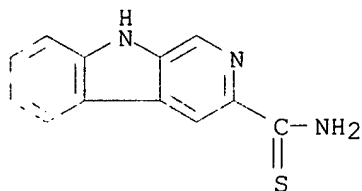
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
-----	----	-----	-----	-----
JP 56043283	A2	19810421	JP 1980-119662	19800829
JP 02034952	B4	19900807		
DK 8000889	A	19810830	DK 1980-889	19800229
DE 3015816	A1	19811029	DE 1980-3015816	19800422
DE 3023567	A1	19820121	DE 1980-3023567	19800620
AU 8061864	A1	19810416	AU 1980-61864	19800819
AU 544731	B2	19850613		
EP 30254	A1	19810617	EP 1980-105019	19800823
EP 30254	B1	19841031		
R: AT, BE, CH, DE, FR, GB, IT, LU, NL, SE				
AT 10098	E	19841115	AT 1980-105019	19800823
IL 60906	A1	19851129	IL 1980-60906	19800825
RO 80265	P	19830429	RO 1980-102050	19800827
FI 8002720	A	19810301	FI 1980-2720	19800828
FI 68829	B	19850731		
FI 68829	C	19851111		
NO 8002546	A	19810302	NO 1980-2546	19800828



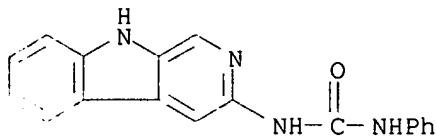
Andrew Freistein 10/682,496

NO 155055	B	19861027		
NO 155055	C	19870204		
US 4371536	A	19830201	US 1980-182244	19800828
CA 1150246	A1	19830719	CA 1980-359184	19800828
HU 28753	O	19831228	HU 1980-2129	19800828
HU 186744	B	19850930		
SU 1114335	A3	19840915	SU 1980-2969305	19800828
DK 8003703	A	19810301	DK 1980-3703	19800829
DK 168292	B1	19940307		
ES 494590	A1	19810816	ES 1980-494590	19800829
ZA 8005383	A	19810826	ZA 1980-5383	19800829
DD 152935	C	19811216	DD 1980-223673	19800829
US 5010077	A	19910423	US 1988-188145	19880425
PRIORITY APPLN. INFO.:			DK 1979-3622	A 19790829
			DK 1980-889	A 19800229
			DE 1980-3015816	A 19800422
			DE 1980-3023567	A 19800620
			DK 1979-6322	A 19790829
			EP 1980-105019	A 19800823
			US 1980-182244	A3 19800828
			US 1982-433308	B1 19821007
			US 1985-731244	B1 19850507

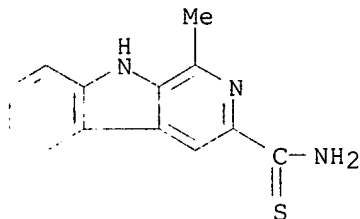
OTHER SOURCE(S): CASREACT 95:115508  
IT 78538-77-9P  
RL: SPN (Synthetic preparation); PREP (Preparation)  
(preparation of)  
RN 78538-77-9 HCAPLUS  
CN 9H-Pyrido[3,4-b]indole-3-carbothioamide (9CI) (CA INDEX NAME)



L5 ANSWER 14 OF 19 HCAPLUS COPYRIGHT 2006 ACS on STN  
ACCESSION NUMBER: 1980:446473 HCAPLUS  
DOCUMENT NUMBER: 93:46473  
TITLE: Studies on  $\beta$ -carboline: Reaction of  
3-amino-9H-pyrido[3,4-b]indole with phenyl  
isothiocyanates and isocyanates  
AUTHOR(S): Agarwal, Shiv K.; Saxena, Anil K.; Jain, Padam C.  
CORPORATE SOURCE: Div. Med. Chem., Cent. Drug Res. Inst., Lucknow, 226  
001, India  
SOURCE: Indian Journal of Chemistry, Section B: Organic  
Chemistry Including Medicinal Chemistry (1980),  
19B(1), 42-4  
CODEN: IJSBDB; ISSN: 0376-4699  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
IT 74170-53-9P  
RL: SPN (Synthetic preparation); PREP (Preparation)  
(preparation of)  
RN 74170-53-9 HCAPLUS  
CN Urea, N-phenyl-N'-9H-pyrido[3,4-b]indol-3-yl- (9CI) (CA INDEX NAME)

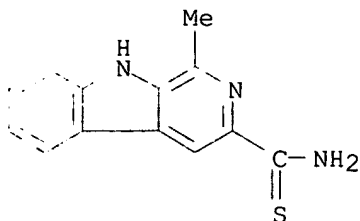


L5 ANSWER 15 OF 19 HCAPLUS COPYRIGHT 2006 ACS on STN  
ACCESSION NUMBER: 1964:443325 HCAPLUS  
DOCUMENT NUMBER: 61:43325  
ORIGINAL REFERENCE NO.: 61:7557a-c  
TITLE: Neuropharmacology of some harman derivatives  
AUTHOR(S): Sigg, E. B.; Gyermek, L.; Hill, R. T.; Yen, H. C. Y.  
CORPORATE SOURCE: Geigy Chem. Corp., Ardsley, NY  
SOURCE: Archives Internationales de Pharmacodynamie et de  
Therapie (1964), 149(1-2), 164-80  
CODEN: AIPTAK; ISSN: 0003-9780  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
IT 106384-17-2, 9H-Pyrido[3,4-b]indole-3-carboxamide, 1-methylthio-  
(nervous system response to)  
RN 106384-17-2 HCAPLUS  
CN 9H-Pyrido[3,4-b]indole-3-carboxamide, 1-methylthio- (7CI) (CA INDEX NAME)



L5 ANSWER 16 OF 19 HCAPLUS COPYRIGHT 2006 ACS on STN  
ACCESSION NUMBER: 1963:73257 HCAPLUS  
DOCUMENT NUMBER: 58:73257  
ORIGINAL REFERENCE NO.: 58:12521h,12522a-d  
TITLE: 1-Alkyl(or aryl)- $\beta$ -carboline-3-carboxylic acid  
amides  
INVENTOR(S): Leonard, Frederick  
PATENT ASSIGNEE(S): J. R. Geigy A.-G.  
SOURCE: 23 pp.  
DOCUMENT TYPE: Patent  
LANGUAGE: Unavailable  
PATENT INFORMATION:

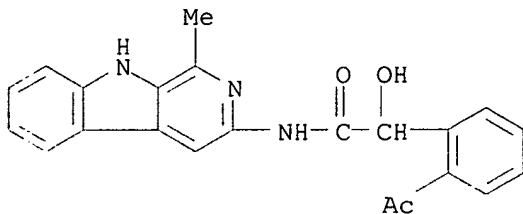
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
BE 612725		19620717	BE	
PRIORITY APPLN. INFO.:			US	19610118
IT 106384-17-2, 9H-Pyrido[3,4-b]indole-3-carboxamide, 1-methylthio- (preparation of)				
RN 106384-17-2 HCAPLUS				
CN 9H-Pyrido[3,4-b]indole-3-carboxamide, 1-methylthio- (7CI) (CA INDEX NAME)				



L5 ANSWER 17 OF 19 HCAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1962:483277 HCAPLUS  
DOCUMENT NUMBER: 57:83277  
ORIGINAL REFERENCE NO.: 57:16621e-h  
TITLE:  $\beta$ -Carboline derivatives  
INVENTOR(S): Leonard, Frederick  
PATENT ASSIGNEE(S): J. R. Geigy A.-G.  
SOURCE: 20 pp.  
DOCUMENT TYPE: Patent  
LANGUAGE: Unavailable  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
BE 612726		19620717	BE	
PRIORITY APPLN. INFO.:			US	19610118
IT 100768-56-7, Mandelamide, o-acetyl-N-(1-methyl-9H-pyrido[3,4-b]indol-3-yl)-, hydrochloride (preparation of)				
RN 100768-56-7 HCAPLUS				
CN Mandelamide, o-acetyl-N-(1-methyl-9H-pyrido[3,4-b]indol-3-yl)-, hydrochloride (7CI) (CA INDEX NAME)				



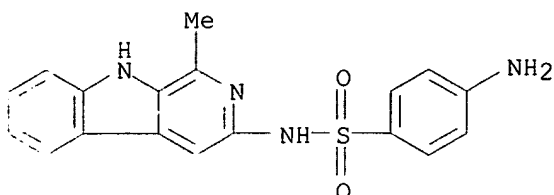
● HCl

L5 ANSWER 18 OF 19 HCAPLUS COPYRIGHT 2006 ACS on STN

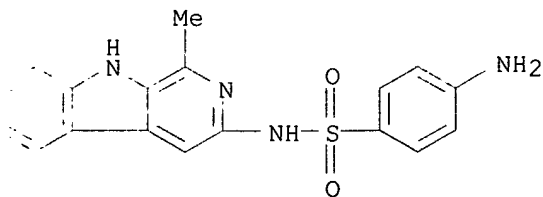
ACCESSION NUMBER: 1948:11949 HCAPLUS  
DOCUMENT NUMBER: 42:11949  
ORIGINAL REFERENCE NO.: 42:2608f-i, 2609a-b  
TITLE: Alkaloids of calabash curare. V  
AUTHOR(S): Wieland, V. Heinrich; Witkop, Bernhard; Bahr, Karl  
CORPORATE SOURCE: Bayerischen Akademie der Wissenschaften, Munich  
SOURCE: Ann. (1947), 558, 144-56

Andrew Freistein 10/682,496

DOCUMENT TYPE: Journal  
LANGUAGE: Unavailable  
IT 874493-37-5, Sulfanilamide, N1-(1-methyl-9H-pyrido[3,4-b]indol-3-yl)-  
(preparation of)  
RN 874493-37-5 HCAPLUS  
CN Sulfanilamide, N1-(1-methyl-9H-pyrido[3,4-b]indol-3-yl)- (5CI) (CA INDEX NAME)



L5 ANSWER 19 OF 19 HCAPLUS COPYRIGHT 2006 ACS on STN  
ACCESSION NUMBER: 1948:11948 HCAPLUS  
DOCUMENT NUMBER: 42:11948  
ORIGINAL REFERENCE NO.: 42:2608e-f  
TITLE: Synthesis of derivatives of  $\beta$ -carboline. IV.  
3-Aminoharman and some of its derivatives  
AUTHOR(S): Snyder, H. R.; Parmerter, Stanley M.; Walker, Howard G.  
CORPORATE SOURCE: Univ. of Illinois, Urbana  
SOURCE: Journal of the American Chemical Society (1948), 70, 237-9  
CODEN: JACSAT; ISSN: 0002-7863  
DOCUMENT TYPE: Journal  
LANGUAGE: Unavailable  
OTHER SOURCE(S): CASREACT 42:11948  
IT 874493-37-5, Sulfanilamide, N1-(1-methyl-9H-pyrido[3,4-b]indol-3-yl)-  
(preparation of)  
RN 874493-37-5 HCAPLUS  
CN Sulfanilamide, N1-(1-methyl-9H-pyrido[3,4-b]indol-3-yl)- (5CI) (CA INDEX NAME)



=>

---Logging off of STN---

Andrew Freistein 10/682,496

=>

Executing the logoff script...

=> LOG Y

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	71.75	245.56

STN INTERNATIONAL LOGOFF AT 10:44:28 ON 08 SEP 2006